



02-22-05

IFW

PATENT  
Customer No. 22,852  
Attorney Docket No. 9131.0018-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
James W. WAITE et al. ) Group Art Unit: 2857  
 )  
Application No.: 10/622,376 ) Examiner: Carol S.W. Tsai  
 )  
Filed: July 18, 2003 ) Confirmation No.: 2857  
 )  
For: METHOD AND APPARATUS FOR )  
DIGITAL DETECTION OF )  
ELECTROMAGNETIC SIGNAL )  
STRENGTH AND SIGNAL DIRECTION )  
IN METALLIC PIPES AND CABLES )

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed after the events recited in Section 1.97(b) but, to the undersigned's knowledge, before the mailing date of either a Final action, Quayle action, or a Notice of Allowance.

Each document listed in this Information Disclosure Statement was cited in a communication in a counterpart Patent Cooperation Treaty application (copy of PCT International Search Report communication enclosed), and this Information Disclosure Statement is being filed within three months of the mailing date printed on that communication.

A copy of the listed foreign document is attached. Copies of the U.S. patent publications are not enclosed. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

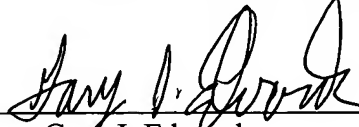
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

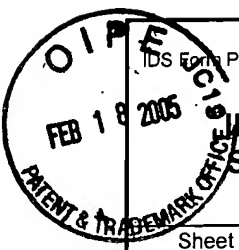
FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: February 18, 2005

By: \_\_\_\_\_

  
Gary J. Edwards  
Reg. No. 41,008

<b>Express Mail Label No.</b> <b>EV 606105853 US</b>
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IDS Form PTO/SB/08: Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/622,376
Filing Date	July 18, 2003
First Named Inventor	James W. WAITE
Art Unit	2857
Examiner Name	Carol S.W. Tsai
Attorney Docket Number	9131.0018-00000

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,942,360	07/17/1990	Candy	
		US-6,140,819	10/31/2000	Peterman	
		US-5,025,227	06/18/1991	Walton	
		US-			
		US-			
		US-			

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004****FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 780 704 B	06/20/2001	White's Electronics Inc.		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.